

**Flood Control Project Maintenance  
Levee Inspections**

**Fall 2013 Levee Maintenance Deficiency Summary Report**

**Overall LMA & Unit Ratings, including USACE Erosion Survey**

**Sacramento River Basin**

<b>NA0021</b>	Overall LMA Rating	Total LMA Miles						
<b>Yolo County Planning Resources and Public Works</b>	<b>U</b>	<b>0.29</b>						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	0.18	0.25	1.18	406.90%				
Trim / Thin Trees	0.08		0.08	27.59%				
Encroachments	0.01		0.01	3.45%	0.01			
Operations & Maintenance Manuals		0.01	0.05	17.24%				
Emergency Supplies & Equipment	0.01		0.01	3.45%				
Flood Preparedness & Training	0.01		0.01	3.45%				
<i>Supplemental</i>								
DWR UCIP Field Study					0.02			
<b>LMA Totals:</b>	<b>0.29</b>	<b>0.26</b>	<b>1.34</b>	<b>462.07%</b>	<b>0.03</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

**Flood Control Project Maintenance  
Levee Inspections**  
**LMA District Cover Sheet**  
**Fall 2013 Levee Inspection Results**

## Yolo County Planning Resources and Public Works

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)			U	

\*\* Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

\*  
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments


**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Fall 2013 Levee Inspection Results**

**Yolo County Planning Resources and Public Works**

Waterway			Bank	Unit Miles
Unit No. 01 Right Bank Cache Creek			Right	0.29
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	-		10/22/2013 - 10/22/2013	
DWR Inspector	John Williamson		John Williamson	
Accompanied By				

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**Yolo County Planning Resources and Public Works**

Waterway					Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 01 Right Bank Cache Creek					Right	0.29	10/22/2013 10/22/2013	John Williamson	
LMR No.	Levee Mile		Category	Item	Location * + Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End					Start	End	Photo
1			Earthen Levee	Operations & Maintenance Manuals	LS U Ma		°	°	5
DWR ID: DWR_NA0021_01_s_2012_5									
2			Earthen Levee	Emergency Supplies & Equipment	LS M Ma		°	°	11
DWR ID: DWR_NA0021_01_s_2012_11									
3			Earthen Levee	Flood Preparedness & Training	LS M Ma		°	°	12
DWR ID: DWR_NA0021_01_s_2012_12									
4	0.00	0.00	Supplemental	DWR UCIP Field Study	LS M En	Inspector Comments: FS_ID:11657 EP_NO: 6790 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: FIELD_STRUCT_DESC: 6-inch gas line through levee, 4-feet below the crown. Pipe extends from borrow area and under the channel. Bleeder valve on waterward bank. Service vault located on landward side next to access gate. Paved access ramp on landward slope. (Permit No. 6790-1970) FS Date: 4/16/2013	38.722162 ° -121.807223 °	38.722162 ° -121.807223 °	2
DWR ID: DWR_NA0021_01_f_2013_2									
5	0.00	0.00	Supplemental	DWR UCIP Field Study	LS M En	Inspector Comments: FS_ID:11656 EP_NO: 6790 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: FIELD_STRUCT_DESC: 6-inch gas line through levee, 4-feet below the crown. Pipe extends from borrow area and under the channel. Bleeder valve on waterward bank. Concrete vault located on landward side next to access gate. Paved access ramp on landward slope. (Permit No. 6790-1970) FS Date: 4/16/2013	38.722162 ° -121.807223 °	38.722162 ° -121.807223 °	13 Y
DWR ID: DWR_NA0021_01_f_2013_13									
6	0.00	0.00	Earthen Levee	Encroachments	WS M Ma	FW : Firewood	38.722220 ° -121.806965 °	38.722220 ° -121.806965 °	3 Y
DWR ID: DWR_NA0021_01_s_2012_3									
7	0.01	0.01	Earthen Levee	Encroachments	WS M En	PR : Prunings	38.722418 ° -121.806999 °	38.722418 ° -121.806999 °	4 Y
DWR ID: DWR_NA0021_01_s_2012_4									
8	0.01	0.26	Earthen Levee	Vegetation	WS U Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.722220 ° -121.806966 °	38.725887 ° -121.806550 °	17 Y
DWR ID: DWR_NA0021_01_s_2012_17									
9	0.03	0.03	Earthen Levee	Vegetation	WSA/W Ma	V4 : Elderberries are blocking visibility and flood fight capability.	38.722633 ° -121.806938 °	38.722633 ° -121.806938 °	14 Y
DWR ID: DWR_NA0021_01_s_2012_14									

* Location	** Rating	+ Issue Type
LS : Land Side	A : Acceptable	Ma : Maintenance Deficiency
WS : Water Side	M : Minimally Acceptable	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	En : Enforcement
	N : Not Inspected/Rated	
	C : Corrected	
	A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**Yolo County Planning Resources and Public Works**

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 01 Right Bank Cache Creek						Right	0.29	10/22/2013 10/22/2013	John Williamson	
LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
10	0.03	0.06	Earthen Levee	Trim / Thin Trees	LS	M Ma	T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.	38.722699 ° -121.806920 °	38.723001 ° -121.806864 °	19 Y
DWR ID: DWR_NA0021_01_s_2012_19										
11	0.08	0.26	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: This area now has been declared a habitat restoration area by the Cache Creek Conservancy.	38.723381 ° -121.806786 °	38.725835 ° -121.806526 °	1 Y
DWR ID: DWR_NA0021_01_s_2012_1										
12	0.13	0.13	Earthen Levee	Trim / Thin Trees	LS	M Ma	T1 : Trim trees to at least five feet above ground level.	38.723903 ° -121.806613 °	38.723903 ° -121.806613 °	6 Y
DWR ID: DWR_NA0021_01_s_2012_6										
13	0.15	0.15	Earthen Levee	Trim / Thin Trees	LS	M Ma	T1 : Trim trees to at least five feet above ground level.	38.724165 ° -121.806552 °	38.724165 ° -121.806552 °	7 Y
DWR ID: DWR_NA0021_01_s_2012_7										
14	0.17	0.17	Earthen Levee	Trim / Thin Trees	LS	M Ma	T1 : Trim trees to at least five feet above ground level.	38.724445 ° -121.806505 °	38.724445 ° -121.806505 °	8 Y
DWR ID: DWR_NA0021_01_s_2012_8										
15	0.21	0.21	Earthen Levee	Trim / Thin Trees	LS	M Ma	T1 : Trim trees to at least five feet above ground level.	38.725022 ° -121.806478 °	38.725022 ° -121.806478 °	9 Y
DWR ID: DWR_NA0021_01_s_2012_9										
16	0.24	0.24	Earthen Levee	Trim / Thin Trees	LS	M Ma	T1 : Trim trees to at least five feet above ground level.	38.725427 ° -121.806470 °	38.725427 ° -121.806470 °	10 Y
DWR ID: DWR_NA0021_01_s_2012_10										

**\* Location**

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**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
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**Levee Inspection Report By Mile - Fall 2013**

**Yolo County Planning Resources and Public Works**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank Cache Creek	Right	0.29	10/22/2013 10/22/2013	John Williamson

Levee Mile Report Line	5
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Water Side
Category	Supplemental
Item	DWR UCIP Field Study

View of landward side near access gate. Gas line marker located on between trees. Line runs parallel to access roadway and through levee.

UCIP\_6349.jpg



Levee Mile Report Line	6
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Water Side
Category	Earthen Levee
Item	Encroachments

Firewood is stacked on the landside of the levee. Fall 2013

johngw\_f\_20131028\_246.JPG



Levee Mile Report Line	7
Start Levee Mile	0.01
End Levee Mile	0.01
Location	Water Side
Category	Earthen Levee
Item	Encroachments

A continuous brush pile on levee. Spring 2013

johngw\_f\_20131021\_995.JPG



**\* Location**

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Unit No. 01 Right Bank Cache Creek	Right	0.29	10/22/2013 10/22/2013	John Williamson

Levee Mile Report Line	7
Start Levee Mile	0.01
End Levee Mile	0.01
Location	Water Side
Category	Earthen Levee
Item	Encroachments

The latest look of the on going brush pile. Fall 2013

johngw\_f\_20131028\_247.JPG



Levee Mile Report Line	8
Start Levee Mile	0.01
End Levee Mile	0.26
Location	Water Side
Category	Earthen Levee
Item	Vegetation

Vegetation and brush is taller than 12 inches. No visibility of the waterside berm. Spring 2013

johngw\_f\_20131021\_002.JPG



Levee Mile Report Line	8
Start Levee Mile	0.01
End Levee Mile	0.26
Location	Water Side
Category	Earthen Levee
Item	Vegetation

The vegetation on the waterside is over grown. Fall 2013

johngw\_f\_20131028\_248.JPG



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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank Cache Creek	Right	0.29	10/22/2013 10/22/2013	John Williamson

Levee Mile Report Line	9
Start Levee Mile	0.03
End Levee Mile	0.03
Location	Water Side
Category	Earthen Levee
Item	Vegetation
Photo taken spring 2012, a large Elerberry on the waterside.	
johngw_f_20131021_001.jpg	



Levee Mile Report Line	10
Start Levee Mile	0.03
End Levee Mile	0.06
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees
The trees need to be thinned and trimmed up for visibility.	
johngw_f_20131021_003.jpg	



Levee Mile Report Line	11
Start Levee Mile	0.08
End Levee Mile	0.26
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Vegetation needs to be mowed taller than 12". Spring 2013	
johngw_f_20131021_993.JPG	



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Levee Mile Report Line	11
Start Levee Mile	0.08
End Levee Mile	0.26
Location	Land Side
Category	Earthen Levee
Item	Vegetation

The vegetation partially blocking visibility. Fall 2013

johngw\_f\_20131028\_249.JPG



Levee Mile Report Line	12
Start Levee Mile	0.13
End Levee Mile	0.13
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

Tree needs to be trimmed up 5'. Spring 2013

johngw\_f\_20131021\_996.JPG



Levee Mile Report Line	13
Start Levee Mile	0.15
End Levee Mile	0.15
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

Tree needs to be trimmed to 5'. Spring 2013

johngw\_f\_20131021\_997.JPG



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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank Cache Creek	Right	0.29	10/22/2013 10/22/2013	John Williamson

Levee Mile Report Line	14
Start Levee Mile	0.17
End Levee Mile	0.17
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

Trees need to be trimmed to 5'. Spring 2013

johngw\_f\_20131021\_998.JPG



Levee Mile Report Line	15
Start Levee Mile	0.21
End Levee Mile	0.21
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

Trees need to be trimmed to 5'. Spring 2013

johngw\_f\_20131021\_999.JPG



Levee Mile Report Line	16
Start Levee Mile	0.24
End Levee Mile	0.24
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

The tree needs to be trimmed up. Photo taken fall of 2011.

johngw\_f\_20131021\_000.jpg



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